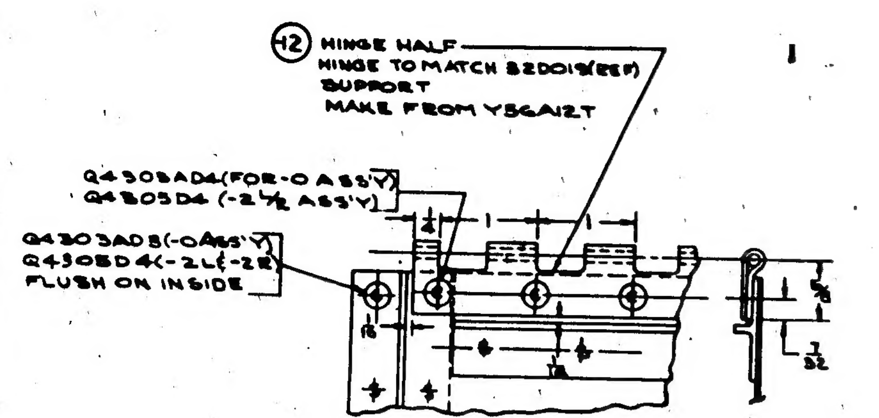
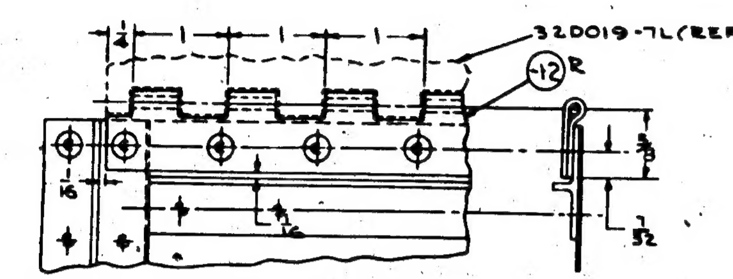
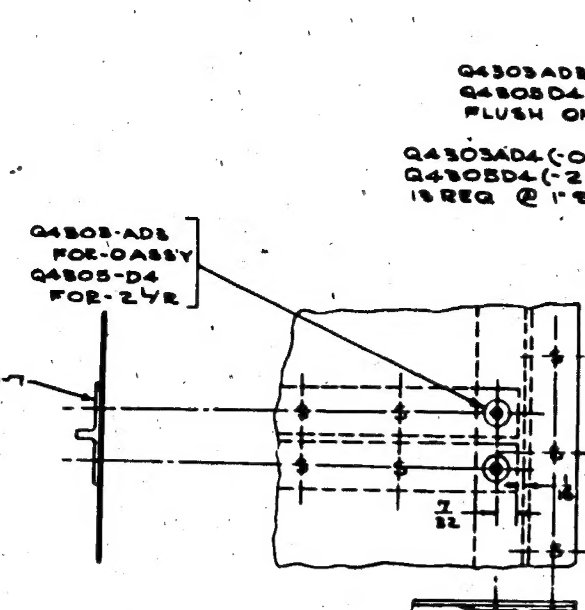
LET	ALTERATION	DATE	BY
AD	IN B/M. FOR -10 SUB ASSY. ADDED -12R, & FOR -15 SUB-ASSY. ADDED -12L WT. CHG. NEG.	[illegible]	[illegible]
AE	ON FACE OF DWG & IN B/M ADDED 28D5059-14,-15,-16,-17,-18,-19 & -6. LIMITED 32D055-6,-22,-24,-9,-12,-13 & 32D059-24 UP TO MCR 319-1 FOR PBY-5A. WT. CHG. NEG.	[illegible]	[illegible]

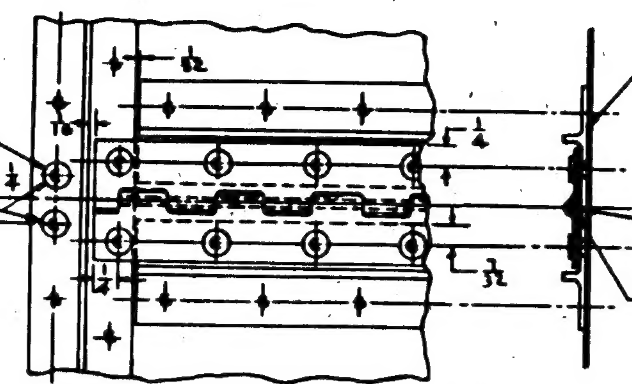
MCR 319-1

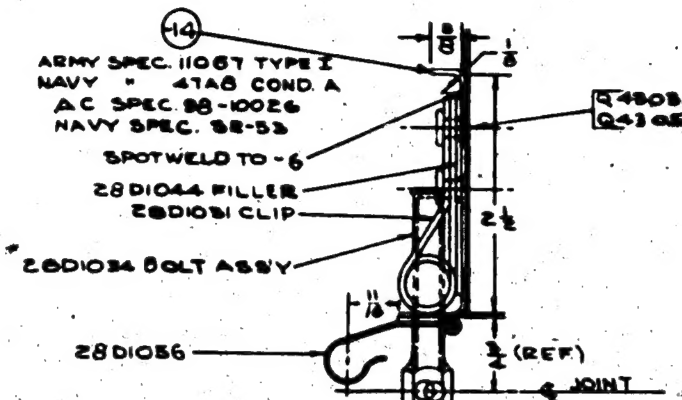
LET	ALTERATION	DATE	BY
X	RETRACED DWG. TO DATE & REMOVED 11/8 DIM. FROM & HINGE TO & COWL BRACE	[illegible]	GRAY
Y	IN B/M -19 SUB-ASS'Y [illegible] WAS 32D055-4 [illegible] NO WT. CHG.	[illegible]	[illegible]
Z	32D055-24 [illegible] FOR -2L & [illegible] ASSY WAS 32D059-0 [illegible] REM'D OVERLAPPING PORTION OF PAD WT. CHG. NEG.	[illegible]	[illegible]
AA	32D055-22 (1) EA. -2L & -8 ASSY WAS 32D055-8 (1) EA. WT. CHG. NEG.	[illegible]	[illegible]
AB	ON VIEW "EE" RELOCATED CUTOUT. NO WT. CHG.	[illegible]	[illegible]
AC	IN B/M CREATED -A ASSY. SAME AS -2 ASSY. EXCEPT [illegible] REPLACED -30 SUB ASSY. [illegible] TO FACE. ADDED NOTE #2. TO DWG. ADDED SHEET #2 [illegible] SECTIONS J-J, K-K, L-L, VIEW M-M & DETAIL N. IN B/M ON SHEET #2 [illegible] -50 SUB ASSY [illegible] ADDED [illegible] TO SHEET #1. WT. INCREASE .66 [illegible] -A ASSY.	[illegible]	[illegible]

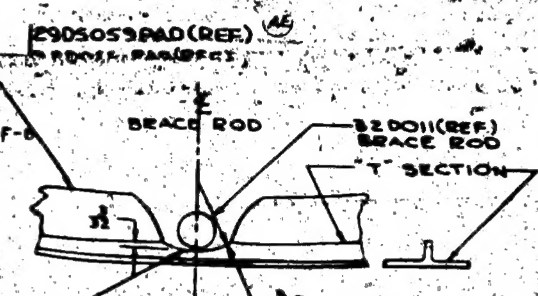


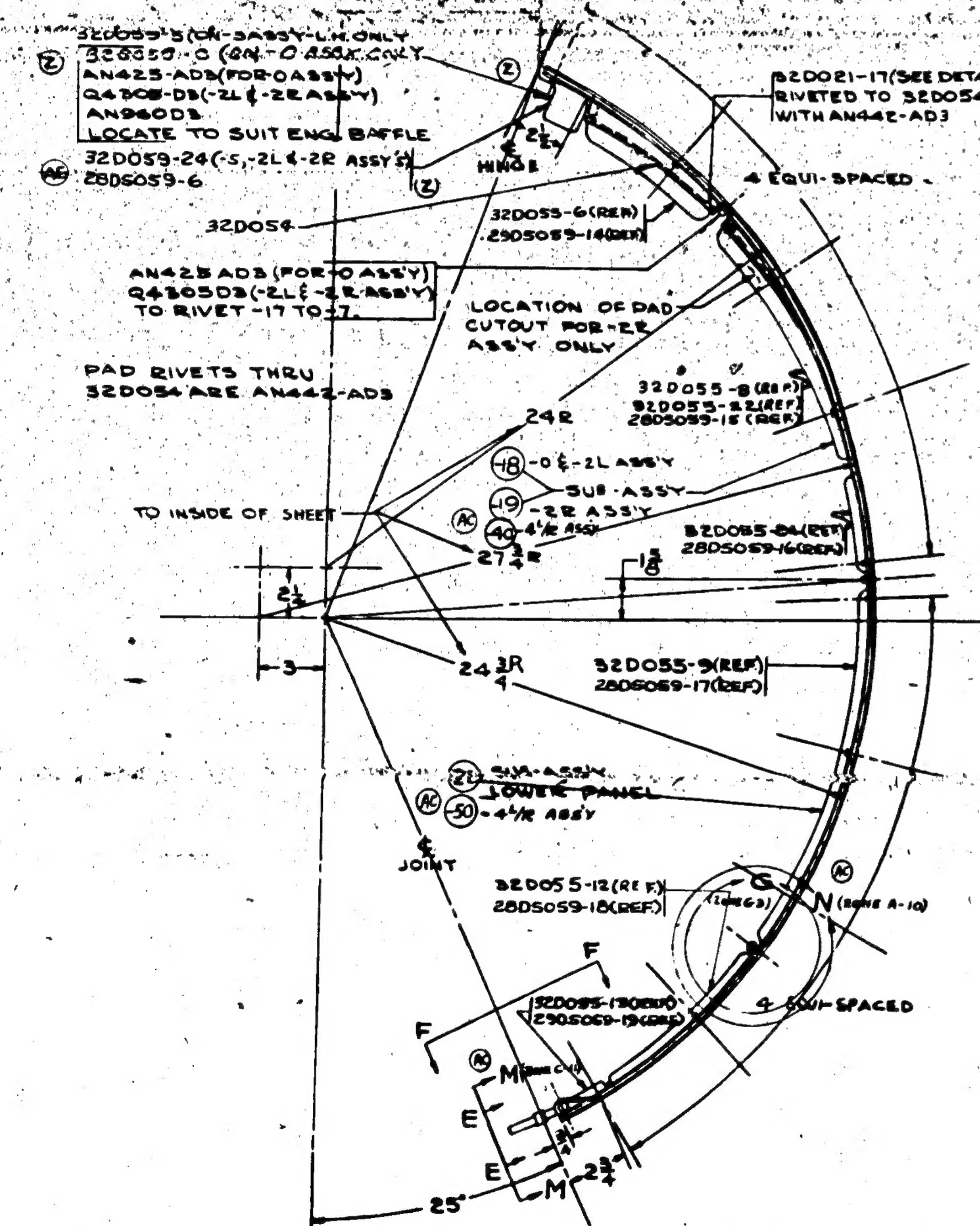




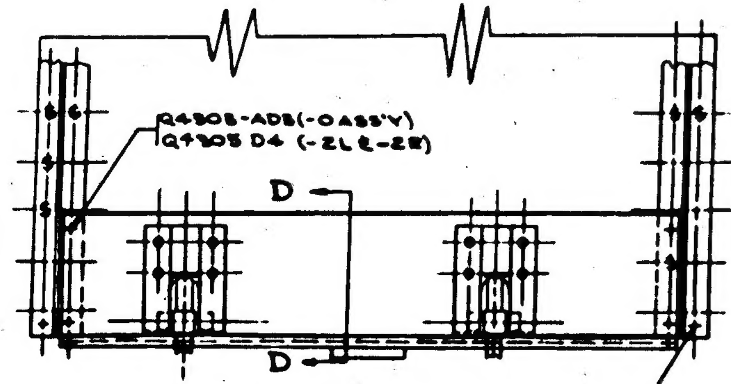


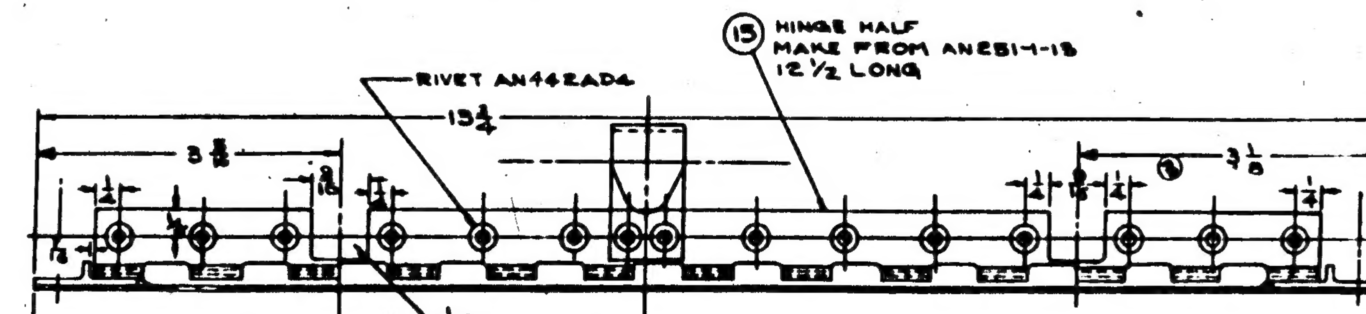






NOTE:
1. ALL DIMS IN SIDE VIEW ARE TRUE, ARE MEASURED ALONG INSIDE OF SKIN. ALL SPOTWELD TO BE SPACED APPROX. 1".
2. -4L ASS'Y IS INTERCHANGEABLE WITH -2L ASS'Y. -4R ASSY. IS INTERCHANGEABLE WITH -2R ASSY. FOR PBY5 & 5A





PART NO.	STOCK	MATERIAL	SPEC	ZONE
28D5059-19 (FOR PBY-5A MCR 319-1 & ON)				E-6
28D5059-18				D-6
28D5059-17				D-6
Q4305D4 (FOR -2½ ASSY)				
Q4303AD4 (FOR -0 ASSY)				
Q4305D3 (FOR -2½ ASSY)				
Q4303AD3 (FOR -0 ASSY)				
28D1044				B-3
28D1036				B-3
28D1034				B-3
28D1031				B-3
32D055-13 (FOR PBY-5A UP TO MCR 319-1)				E-6
32D055-12				D-6
32D055-9				D-6
32D021-15	MAKE FROM AN251-1-13			
-14	.040 X 3⅛ X 19	ALC. 2430	NOTED	
-12L	Y56A12T X 19			D-6
-12R	Y56A12T X 16			D-6
-11	K1Z02A X 16	AL. AL. 53ST	NOTED	B-6
-10	K1Z02A X 16	AL. AL. 53ST	NOTED	D-6
-9	K1Z02A X 30	AL. AL. 53ST	NOTED	E-6
32D021-6	.050 X 15 X 30	ALCLAD	NOTED	D-6
PARTS ASSEMBLED ON -20 SUB-ASSY.				
28D5059-16 (FOR PBY-5A MCR 319-1 & ON)				C-6
28D5059-15				C-6
28D5059-14				C-6
Q4305D4				
32D059-24 (UP TO MCR 319-1 FOR PBY-5A)				C-6
32D055-24 (UP TO MCR 319-1 FOR PBY-5A)				C-6
32D055-22				C-6
32D054				C-6
32D021-17	.032 X 2⅜ X 3½	ALCLAD	11067-II	C-6
-12L	Y56-A12T X 16			B-6
-12R	Y56-A12T X 16			B-6
-11	K1Z02A X 16	AL. AL. 53ST	NOTED	B-6
-10	K1Z02A X 16	AL. AL. 53ST	NOTED	D-6
-9	K1Z02A X 30	AL. AL. 53ST	NOTED	E-6
32D021-7	.050 X 15 X 30	ALCLAD	NOTED	C-6
PARTS ASSEMBLED ON -19 SUB ASSY.				

PART NO.	STOCK	MATERIAL	SPEC	ZONE
32D021-17	.032 X 2 3/8 X 3 1/2	ALC. 24ST	11067-II	C-6
-12L	Y56-A12T X 18			D-3
-12R	Y56-A12T X 18			
-11	K12028 X 16	AL. AL. 53ST	NOTED	D-6
-10	K12028 X 16	AL. AL. 53ST	NOTED	D-4
-9	K12028 X 30	AL. AL. 53ST	NOTED	E-4
32D021-7	.050 X 15 X 30	ALCLAD	NOTED	D-4
PARTS ASSEMBLED ON SUB-ASS'Y.			-10 AND -30	C-4
32D021-50	SUB ASS'Y (SEE SHEET #2)			D-6
32D021-40	SUB ASS'Y (SEE SHEET #2)			D-6
32D021-13	[illegible] 12 3/8	ST. STL.	NOTED	A-3
-30	SUB ASS'Y			
-20	SUB ASS'Y			D-6
-19	SUB ASS'Y			D-6
32D021-10	SUB ASS'Y			D-6

PARTS LIST PER ASSY: -0, -2, -3, -4, -5 (LH / RH REQ)

DASH NO.	MODEL	NEXT ASSY	
-3	[illegible]	32D026	2
-1L	28-5½ A4	32D020	1
-2R	PBY-5A	32D020	1
-2L	28-5½ A4	32D020	1
-2L	PBY-5A	32D020	1
-2R	PBY-5	32D020	1
-2L	PBY-5	32D020	1
-0	P-34A	32D020	2
-0	P-34	32D020	2
-0	XP-34	32D020	2

REQUIREMENTS FOR AIRPLANE

REPLACES 32D021 OF 7-13-36 | 6.4 (EST. WT.)

SCALE 3"=1'-0"

STAMP PART NUMBER WHERE SHOWN

AS NOTED	CA C2P-32.001	DRAWN 7/13/36	CHECKED 7/17/36			APPROVED	ENG. 7/17/36
NAVY							
HEAT TREAT	FINISH	DRAFT	CHECK	STRUCT	GRP	ASSY	ENG

NAME: PANEL ASSEM. - ENG. COWL-LEFT SIDE

CONSOLIDATED AIRCRAFT CORP. SAN DIEGO CALIF.

OPP. HAND

SIZE J — DWG. NO. 32D021 — SHEET 1 OF 2

R 32D021

H 221